This listing of claims replaces all prior versions and listings of claims in the application.

**In the Claims:**

1.    (currently amended) A test automation tool operable to ~~integrate a set of~~ ~~dynamic attributes and values into tests to be performed on a~~generate and submit a plurality of job control files for verifying operability of a computing environment changed in relation to a first computing environment, comprising:

a job submission engine (JSE) operable to receive input regarding first attributes of said changed computing environment which have not changed~~unchanged~~ from ~~a~~ the first computing environment and second attributes of said changed computing environment which represent ~~representing~~ change from the first computing environment;

a job control file generator (JCFG) in electronic communication with said ~~job~~ ~~submission engine~~JSE, said JCFG being operable to automatically generate job control files (JCFs) for ~~controlling~~testing of ~~said~~the changed computing environment under a plurality of different test conditions, the plurality of different test conditions being defined by ~~according to values of said first attributes generated based on an automatic~~ ~~sampling of values, and~~values of said second attributes and sampled values of said first attributes, said JCFG being operable to automatically sample a set of all possible values of said first attributes to obtain said sampled values, said sampled values including substantially fewer values than said set of all possible values,

wherein said JSE is further operable to automatically submit ~~the~~ said JCFs to be executed by the changed computing environment ~~for execution~~ and to automatically monitor execution of ~~according to~~ said JCFs by the changed computing environment.

2. (currently amended) A test automation tool as claimed in claim 1 wherein ~~the automatic sampling of~~ said JCFG is operable to obtain said sampled values ~~is~~ by a random sampling.

3. (currently amended) A test automation tool as claimed in claim 2 wherein said JCFG is operable to obtain said sampled ~~the automatic sampling of~~ values ~~is further~~ based upon a user-specified probability that a value should fall within a particular range of values.

4. (currently amended) A test automation tool as claimed in claim 2 wherein said JCFG is operable to obtain said sampled ~~the automatic sampling of values is further~~ based upon a user-specified probability that a particular value should occur.

5. (currently amended) A test automation tool as claimed in claim 1 wherein ~~the~~ said JSE further comprises a user interface, wherein said JSE is operable to receive the input regarding at least some of said second attributes through said user interface.

6. (currently amended) A test automation tool as claimed in claim 5 wherein ~~the~~ said JCFG is operable to generate ~~the~~ said JCFs based on values of said second attributes provided through said user interface.

7. (currently amended) A test automation tool as claimed in claim 1 further comprising one or more agents operable to automatically analyze results of performing tests of said computing environment according to ~~the~~ said JCFs.

8. (currently amended) The test automation tool of claim 6 wherein ~~the~~ said JCFG is operable to generate ~~the~~ said JCFs including parameters for controlling submission of said JCFs through a job queuing system of the computing environment.

9. (currently amended) The test automation tool according to claim 8 wherein said JCFG is operable to generate ~~the~~ said JCFs by reference to a template file storing values of generic attributes obtained from input received by said JSE by employing one or more value-setting methods.

10. (currently amended) The test automation tool according to claim 9 wherein said JCFG is operable to generate ~~the~~ said JCFs by reference to a script file storing special job request attributes.

11. (currently amended) The test automation tool according to claim 10 wherein

the said JCFs include one or more job control commands.

12. (original) The test automation tool according to claim 1 further comprising an agent operable to review results of performance of said JCFs.

13. (currently amended) The test automation tool according to claim 10 wherein said agent includes is comprised of a plurality of special task agents.

14. (original) The test automation tool of claim 13 wherein said special task agents include a job results analysis agent and an error analysis agent.

15. (original) The test automation tool of claim 14 wherein said error analysis agent includes a sub-task agent operable to analyze job cancellations and another sub-task agent operable to analyze on-hold jobs.

16. (currently amended) A method of generating computer readable instructions for controlling operations to test verifying operability of a computing environment changed in relation to a first computing environment, comprising:

obtaining attributes of a the changed computing environment to be tested, said attributes including first attributes of said changed computing environment which have

not changed ~~unchanged~~ from ~~a~~ the first computing environment, and second attributes ~~representing~~ which represent change from the first computing environment;

automatically sampling a set of all possible values of said first attributes ~~generating~~ to obtain sampled values of said first attributes ~~to be tested based on an automatic sampling of said~~, said sampled values including substantially fewer values than said set of all possible values; and

generating values of said second attributes; and

automatically generating computer readable instructions for performing testing of ~~said~~ the changed computing environment under a plurality of different test conditions, the plurality of different test conditions being defined by said generated values of said second attributes and said sampled values of said first attributes ~~based on said generated values of said first and second attributes~~.


17. (currently amended) The method of claim 16 wherein said step of automatic sampling includes ~~of said values is a~~ random sampling ~~of values~~.


18. (currently amended) The method of claim 16, wherein said values of said second attributes include a dynamic set of values changeable from test run to test run.


19. (currently amended) The method of claim 18, wherein said second attributes further include a user-provided special requirement attribute.

20. (currently amended) A machine readable medium having a set of instructions recorded thereon for performing a method of generating computer readable instructions for ~~controlling operations to test a computing system, said method including: controlling operations to test~~ _testing_ a computing environment_ changed in relation to a first computing environment_, said method comprising:

obtaining attributes of ~~a~~ _the changed_ computing environment ~~to be tested~~, said attributes including first attributes _of said changed computing environment which have not changed_ ~~unchanged~~ from ~~a~~ _the_ first computing environment, and second attributes ~~representing~~ _which represent_ change from the first computing environment;

~~generating~~ _automatically sampling a set of all possible values of said first attributes to obtain sampled_ values of said first attributes ~~to be tested based on an automatic sampling of said~~, _said sampled values including substantially fewer_ values than said set of all possible values; and

generating values of said second attributes ~~to be tested thoroughly~~; and

automatically generating computer readable instructions for _performing testing of the changed_ ~~execution of tests for said~~ computing environment _under a plurality of different test conditions, the plurality of different test conditions being defined by said generated values of said second attributes and said sampled values of said first attributes_ ~~based on said generated values of said first and second attributes to be tested~~.